€ ~ R [0, 20] N - Cordopua $6 \sim p(x) = \frac{1}{26-0} \left\{ [0,20] \right\} = \frac{1}{0} \left\{ [0,20] \right\}$ $L_1 = M[\S] = \int_{\Theta}^{2} \frac{1}{2} \times dx = \int_{\Theta}^{2} \frac{1}{2} \left(\frac{1}{2} \Theta - \Theta^2 - \frac{3}{2} \Theta \right)$ I,= 1/2 x; = 1,= 30 = x => (0, = 3x) [(x,0)= = { [0,26]} $L(0) \qquad 0 \le x \le 20 \implies x_{max} = mdx(x_i) \le 20$ $\frac{1}{\theta^n} \qquad \left(\frac{\partial}{\partial z} = \frac{\chi_{\text{max}}}{2} \right)$ 6) 1/M[0,]=M3x]=3/M[6]=2.30=0> 2) M[\(\tilde{\theta}_{2} \] = M[\(\tilde{\theta}_{2} \tilde{\texts} \] = \(\frac{1}{2} \) \[\tilde{\texts}_{N \tilde{\texts}} \] Y(x) = (F(x)) = (x - 1) - 8.4 racm. F(x) = 5 dx = x -1
max $J(x) = \frac{n}{\theta} \left(\frac{\lambda}{\theta} - \ell \right) n - \ell$ $M[x_{nax}] = \int_{0}^{n} \left(\frac{x}{\theta} - \frac{1}{\eta} \frac{1}{\lambda} dx\right) = \int_{0}^{n} \left(\frac{x}{\theta} - \frac{1}{\eta} \frac{1}{\lambda} dx\right) = \int_{0}^{n} \left(\frac{x}{\theta} - \frac{1}{\eta} \frac{1}{\eta} \frac{1}{\lambda} \frac{1}{\eta} \frac{1}{\eta} dx\right) = \int_{0}^{n} \left(\frac{x}{\theta} - \frac{1}{\eta} \frac{$ $=20-6)(2-1)^{n}(2-1)=20-\frac{4\cdot (2-1)^{n+1}}{(2-1)^{n+1}}$

Of the MIO2 J = (n+1)0 =) Coney => O2 = 1 n+1 xn2x (12[0] = \frac{1}{9}D[\frac{1}{5}x,] = \frac{1}{9}. \frac{1}{9}S[\frac{1}{5}] = qn (MSe2 - M25e7) = 4 (x3/26 - 02) = 30 - 363 = 4.62 - 62 -> 0= Orgenia coeto

91 (302 - 363) = 4.62 - 62 -> 0= Orgenia coeto

91 (302 - 363) = 4.62 - 52 -> 0= Orgenia coeto 2) D [02] = M [62] - M [02] 2 $M \left[\frac{\partial^2 u}{\partial x^2} \right] = \left(\frac{n+1}{2n+1} \right)^2 \int_{-\infty}^{20} \frac{n}{\partial x^2} \left(\frac{x-\partial x-\partial x-\partial x}{\partial x^2} \right) \left(\frac{n+1}{2n+1} \right)^2 \cdot \left(\frac{n+1}{2$ $\widehat{\int_{2}^{1}} \left(= M \widehat{\int_{2}^{1/2}} - \widehat{\partial}^{2} - \frac{n \widehat{\partial}^{2}}{(2n+1)^{2}(n+2)} \xrightarrow{h + \infty} 0 = \right) \xrightarrow{nog.}$ c) $\mathcal{D}\left\{\widetilde{\theta}_{i}\right\} = \frac{160^{2}}{27n} \sim \frac{16}{27n}, n \rightarrow \infty$ $\mathcal{D}[\widehat{\theta}_{2}] = \frac{n \widehat{\theta}^{2}}{(2n+1)^{2}(n+1)} \sim \frac{1}{4n^{2}}, n \rightarrow \infty$ $\int \int f(\theta, \overline{X}_n) = \overline{X}_{max} = \eta$ 1~ P(y)= P(y> xmx) = P(Qy> xmxx) = Fxmx (Qy)= $= R'(\theta y) [\theta_1 z \theta] = (\theta y - \theta)' = (y - 1)'' =)$ $\theta \le \theta y \le 2\theta \Rightarrow (\le y \in \mathbb{Z})$

> 4(g)=n(g-1)^-151,23 ti= 7-1-B= 20,025: 56(y)dy= == => (1-1)= (-B) t2 = 29975: 54(y)dy = (+B => t2=(+))(+B) 1+ VI-B < Xmax < 1 - 1 2 1+B 1+MITES COC XMIX 1+NI-BI gobequiresbrening e) 500 - 1 dx = 5- edx = - 1 fo => rogens ne resyan => не торен строить ассирыт. довек интервал. OMM: $\overline{G} = \frac{2}{3} X = 3 g(\overline{x}) = \frac{2}{3} \overline{x}, \quad g(x) = \frac{2}{3} x_4$ $\nabla (d) = \sqrt{\nabla T} g(d) k \nabla g(d)^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\nabla (d_{1}) = \sqrt{\nabla T} g(d_{1}) k \nabla g(d_{1})^{2} = \sqrt{3}(d_{2} - d_{1})^{2}$ $\sqrt{\frac{2}{3}}\frac{2}{(J_2-J_1^2)^{\frac{2}{3}}} = \sqrt{h^2}\frac{J_1-J_1}{\sqrt{J_2-J_1^2}} \sim M(g_1)$

